

PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/825,338	
	Filing Date	April 15, 2004	
	First Named Inventor	Gordon A. Tibbitts	
	Art Unit	3672	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	5+	Attorney Docket Number	2237-00301

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	CONLEY ROSE, P.C.		
Signature			
Printed name	Collin A. Rose		
Date	June 23, 2005	Reg. No.	47,036

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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Typed or printed name	Ella R. Sisco	Date	June 23, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Gordon A. Tibbitts et al.

§ Group Art Unit: 3672

SERIAL NO.: 10/825,338

§

FILED: April 15, 2004

§ Examiner: Not Yet Assigned

DRILL BIT

§ Confirmation No.: 2789

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Att'y Docket No.: 2237-00301  
Date: June 23, 2005

Sir:

In accordance with 37 CFR §1.97, §1.98, Applicants are providing herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. This information is supplemental to the Information Disclosure Statement and Form PTO 1449 filed in the above-referenced case on January 6, 2005.

The submission of this Supplemental Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. §102 or §103.

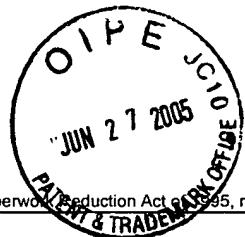
No Office Action on the merits has been received in the present application and therefore no fee is due. In the event there is an Office Action dated prior to the mailing of this Supplemental Information Disclosure Statement, the Commissioner is authorized to charge

Deposit Account 03-2769, Conley Rose, P.C., in the appropriate amount so that this Supplemental Information Disclosure Statement may be considered under Rule 1.97(c).

Respectfully submitted,



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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3	Attorney Docket Number	2237-00301
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-3,112,800	12-02-1963	Bobo	
		US-3,416,614	12-17-1968	Goodwin et al.	
		US-3,576,221	04-27-1971	Hasiba	
		US-3,704,966	12-05-1972	Beck, Jr.	
		US-3,852,200	12-03-1974	Meyer	
		US-3,865,202	02-11-1975	Takahashi et al.	
		US-3,924,698	12-09-1975	Juvkam-Wold	
		US-4,042,048	08-16-1977	Schwabe	
		US-4,141,592	02-27-1979	Lavon	
		US-4,534,427	08-13-1985	Wang et al.	
		US-4,624,327	11-25-1986	Reichman	
		US-4,768,709	09-06-1988	Yie	
		US-4,825,963	05-02-1989	Ruble	
		US-5,355,967	10-18-1994	Mueller et al.	
		US-5,862,871	01-26-1999	Curlett	
		US-5,944,1123	08-31-1999	Johnson	
		US-6,347,675	02-19-2002	Kollé	
		US-6,386,300	05-14-2002	Curlett et al.	
		US-6,581,700	06-24-2003	Curlett et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature \_\_\_\_\_ Date Considered \_\_\_\_\_

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				Application Number	10/825,338
				Filing Date	April 15, 2004
				First Named Inventor	Gordon A. Tibbitts
				Group Art Unit	3672
Examiner Name	Not Yet Assigned				
Sheet	2	of	3	Attorney Docket Number	2237-00301

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		WILLIAM C. MAUER ET AL.; "Impact Crater Formation in Rock"; Journal of Applied Physics; July, 1960; pp. 1247-1252; Vol. 31, No. 7.	
		L. W. LEDGERWOOD, JR.; "Efforts to Develop Improved Oilwell Drilling Methods"; Petroleum Transactions; 1960; pp. 61-74; Vol. 219; AIME.	
		J. E. ECKEL ET AL.; "Development and Testing of Jet Pump Pellet Impact Drill Bits"; Petroleum Transactions; 1956; pp. 1-10; Vol. 207; AIME.	
		DAVID A. SUMMERS; "Waterjetting Technology"; Feb. 9, 1995; pp. 557-598; Taylor & Francis.	
		ARTHUR ANDERSEN; "Global E&P Trends"; Jul. 1999; p. 13.	
		MIKE KILLALEA; "High Pressure Drilling System Triples ROPS, Stymies Bit Wear"; Drilling, March/April 1989; pp. 10 and 12.	
		Security DBS Booklet; 1995.	
		S. D. VEENHUIZEN ET AL.; "Ultra-High Pressure Jet Assist of Mechanical Drilling"; 1997 SPE/IADC Drilling Conference; Mar. 4-6, 1997; pp. 79-90; SPE/IADC 37579; SPE/IADC Drilling Conference; Amsterdam, The Netherlands.	
		CARL R. PETERSON ET AL.; "A New Look at Bit Flushing or the Importance of the Crushed Zone in Rock Drilling and Cutting"; undated.	
		"A Review of Mechanical Bit/Rock Interactions"; undated; pp. 3-1 to 3-68.	
		WILLIAM C. MAURER; "Advanced Drilling Techniques"; 1980; Petroleum Publishing Co.; Tulsa, Oklahoma, USA.	
		MADAN M. SINGH; "Rock Breakage By Pellet Impact"; December 24, 1969; IITRI Project No. D6000; ITT Research Institute; USA.	
		JOHN F. RIPKEN ET AL.; "A Study of The Fragmentation of Rock by Impingement With Water and Solid Impactors"; Feb., 1972; Project Report No. 131; University of Minnesota; Minneapolis, Minnesota, USA.	

Examiner Signature		Dated Considered
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		JOHN C. FAIR; "Development of High-Pressure Abrasive-Jet Drilling"; Journal of Petroleum Technology; August, 1981; pp. 1379-1388; Society of Petroleum Engineers; USA.			
		WILLIAM C. MAURER ET AL.; "Deep Drilling Basic Research: Volume 1 - Summary Report"; June, 1990; GRI 90/0265.1; Gas Research Institute; USA.			
		D. A. SUMMERS ET AL.; "A Further Investigation of DIAjet Cutting"; Jet Cutting Technology-Proceedings of the 10 <sup>th</sup> International Conference; 1991; pp. 181-192; Elsevier Science Publishers Ltd.; USA.			
		J. J. KOLLE ET AL.; "Laboratory and Field Testing of an Ultra-High Pressure, Jet-Assisted Drilling System"; 1991 SPE/IADC Drilling Conference; Mar. 11-14, 1991; pp. 847-856; SPE/IADC 22000; SPE/IADC Drilling Conference; Amsterdam, The Netherlands.			

Examiner Signature		Dated Considered	
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